

# Create A Graph

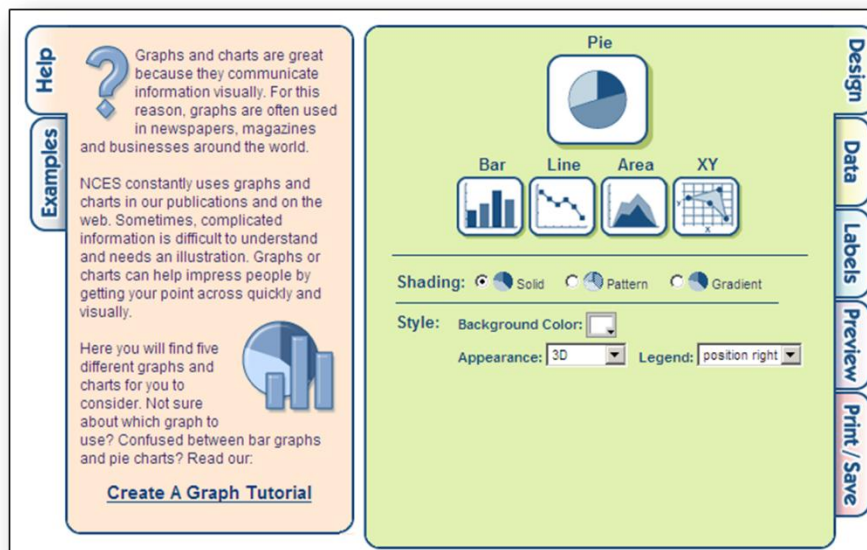
Create A Graph is an excellent Web 2.0 application provided by the National Center for Education Statistics (NCES). It provides a great opportunity for students of all ages to create high quality graphs and charts, including Bar, Line Area, Pie, and XY.

1. Navigate to <http://nces.ed.gov/nceskids/createagraph/default.aspx>
2. Select the type of chart or graph you would like to create by clicking the appropriate icon.

**Please note:** The following steps may vary slightly depending on which graph type you select. For this tutorial, the pie chart was selected.



3. Select your Design, Shading, and Style.



- Click on the **Data Tab**. Now you can enter your **Title**, **Data Source**, **Number of Pie Slices**, and **Labels**.

**Help**  
Choosing the right look and feel is important when designing a graph.

**Examples**  
**Show Labels:** displays the values on the graph  
**Type:** is the data-specific value shown with each label  
**Prefix:** is added to the beginning of a data label, such as (\$)  
**Suffix:** is added to the end of a data label, such as (lbs, kg, cm, ft, °, %)  
**Position:** where the data labels are displayed on the graph  
**Label Color:** the color of the data labels  
**Background Color:** the color behind the data labels. By default the background is transparent.

**Font:** sets the font style for all text and values in the graph  
**Font Color:** the color of all text and values  
**Font size:** the font size of all text and values

**Data Labels:** Show Label: ☒ yes ☐ no  
Type:  Prefix:  Suffix:   
Position:  Font Size:   
Label Color:  Background Color:

**Fonts:**  
☐ ABC abc 123    ☐ abc abc 123  
☐ ABC abc 123    ☐ ABC ABC 123  
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 Font Color:  Font Size:

**Design**  
**Data**  
**Labels**  
**Preview**  
**Print/Save**

- Click on the **Labels Tab**. Complete the information for your **Data Labels** and

**Help**  
**Graph Title:** appears at the top of the graph and should describe the graph  
**Source:** appears at the bottom of the graph and can be used to give credit to author of the data

**Examples**  
**Data Set:** this defines the number of items and groups of items  
**Items & Groups:** graphs consist of a series of data items, some in multiple groups.  
**Min & Max Values:** limits the scale of the graph

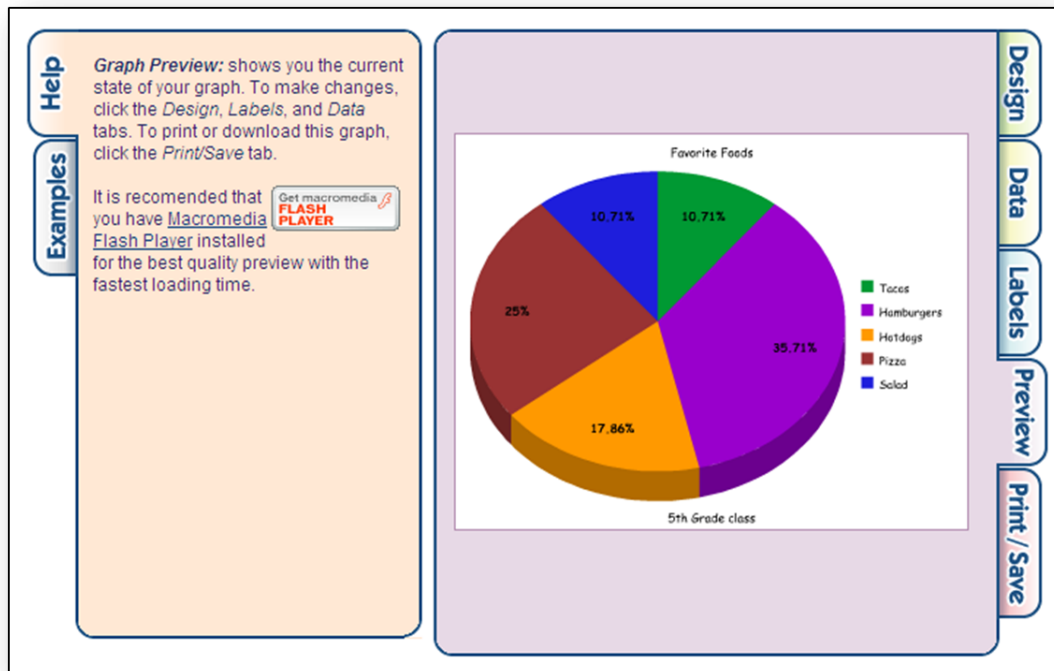
Graph Title:   
Source:   
Data Set:

	Item Label	Value	Color
Slice 1:	<input type="text" value="Tacos"/>	<input type="text" value="3"/>	<input type="text"/>
Slice 2:	<input type="text" value="Hamburgers"/>	<input type="text" value="10"/>	<input type="text"/>
Slice 3:	<input type="text" value="Hotdogs"/>	<input type="text" value="5"/>	<input type="text"/>
Slice 4:	<input type="text" value="Pizza"/>	<input type="text" value="7"/>	<input type="text"/>
Slice 5:	<input type="text" value="Salad"/>	<input type="text" value="3"/>	<input type="text"/>

**Design**  
**Data**  
**Labels**  
**Preview**  
**Print/Save**

choose your **Fonts**.

6. Click the **Preview Tab** to view what your chart or graph will look like. You may modify it by clicking on the appropriate tab.



7. Click the **Print/Save Tab** to print, download, or email your graph. You may also erase it or copy it from this tab as well.

**Project Tools**

- [Start a new graph](#)
- [Erase this graph](#)
- [Copy to new graph](#)

**Print** **Download**

**Email this graph** ☒ HTML ☐ Text

to:  **Send**

You will be emailed a link to your saved graph project where you can make changes and print.

Lost a graph? [Click here to email you a list of your saved graphs.](#)

**TIP:** If you add [kidszone@ed.gov](mailto:kidszone@ed.gov) to your contacts/address book, graphs that you send yourself through this system will not be blocked or filtered.

Design Data Labels Preview **Print/Save**

8. Congratulations! You have just created a graph using **Create A Graph!**

